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**PATENT ABSTRACTS OF JAPAN**

(11)Publication number : 2000-319044

(43)Date of publication of application : 21.11.2000

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(51)Int.Cl. C03C 27/12  
B32B 17/10  
// B32B 27/30

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(21)Application number : 11-125946

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(22)Date of filing : 06.05.1999

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**(54) INTERMEDIATE FILM FOR SANDWICH GLASS AND SANDWICH GLASS****(57)Abstract:**

**PROBLEM TO BE SOLVED:** To obtain an intermediate film which excels in basic performance necessary for a sandwich glass film and excels in sound shieldability and moisture resistance by forming the sandwich glass film of at least two layers of laminated resin films consisting of two kinds of plasticized polyvinyl acetal resin films A and B.

**SOLUTION:** The resin film A consists of 100 pts.wt. polyvinyl acetal resin which is obtained by acetalizing polyvinyl alcohol(PVA) with 6 to 10C aldehyde and contains a vinyl acetate component at  $\leq 4$  mol% and 30 to 50 pts.wt. plasticizer. The sodium concentration thereof is  $\leq 20$  ppm. The resin film B is obtained by acetalizing the PVA with 3-4C aldehyde and the sodium concentration thereof is  $\leq 15$  ppm. The rest are the same as those of the resin A. Hot water of 40 to 60° C is added to the polyvinyl acetal resin and the resin is washed under stirring in order to remove the sodium salt therein. The intermediate film which has the excellent basic performance, such as good transparency, weatherability and adhesiveness, good penetration resistance and the difficulty in splashing of glass splinters at the time of breakage, has the excellent sound shieldability and moisture resistance and is capable of preventing the whitening of peripheral parts is thus obtained.

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**LEGAL STATUS**

[Date of request for examination]

[Date of sending the examiner's decision of rejection]

[Kind of final disposal of application other than the examiner's decision of rejection or application converted registration]

[Date of final disposal for application]

[Patent number]

[Date of registration]

[Number of appeal against examiner's decision of rejection]

[Date of requesting appeal against examiner's decision of rejection]

[Date of extinction of right]

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